



**STATE OF DELAWARE  
DEPARTMENT OF  
TRANSPORTATION**

900 Safety Boulevard  
Dover, DE 19901  
(302) 760-2011



**Posting #94121061C**

**Engineering/Planning/Surveying Technician II  
(Construction)**

**Opening Date:** March 23, 2006

**Closing Date:** Open

**Vacancies Anticipated**

Salary: \$25,619 – 32,024 (Minimum - Midpoint) Pay Grade 8

**Location:** New Castle, Kent and Sussex Counties **(Please check which of these locations you are interested in on your application.)** Division of Transportation Solutions

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**Summary Statement:** This class series uses five levels of work in the Technical Services Occupational Group, Engineering Services Series and describes technical work applying engineering, planning and/or surveying principles and practices to support various engineering/planning initiatives. Engineering/Planning/Surveying Technicians (EPS Technician) carry out a variety of activities in the areas of construction, inspection, surveying, design, maintenance, materials and research, traffic, and planning. This is the full performance level in the technician series. Positions at this level report to a technical superior. Work is reviewed periodically for progress.

**Career Ladder:** Upon satisfactory completion of Department promotional standards and minimum qualifications, employee may be eligible to be promoted to the next level.

**Minimum Qualifications:** Please address each item separately on the Minimum Qualifications page of the application. Failure to do so will result in a disqualification.

Applicants must have education, training and/or experience demonstrating competence in each of the following areas. Failure in any one area will result in a rating of "not qualified."

Construction:

Construction Inspection

Construction and Pavement & Rehabilitation (South)

1. Experience in applied mathematical computations.

Applicants must detail all experience in applied mathematical computations.

2. Experience in reading and interpreting plans, schematic drawings, specifications, blueprints or preparing scaled drawings.

Applicants must detail all experience in reading and interpreting plans, schematic drawings, blueprints or preparing scaled drawings using computer-aided design and drafting software.

3. Knowledge of the methods and techniques used in reviewing construction plans, blueprints or schematics to determine compliance.

Applicants must detail all education, training and/or experience in reviewing construction plans, blueprints or schematics to determine compliance.

**License, Registrations and Certifications:**

Possession of a valid class “D” driver’s license.

**Examination:** The application is evaluated based upon a rating of training and experience.

**Essential Functions:**

- Inspects infrastructures to ensure compliance with design plans, materials specifications, safety requirements, construction processes, local, state and federal codes and on going maintenance requirements; documents/reports compliance or deficiencies.
- Designs/develops/reviews engineering project/site layouts, alignments, profiles, studies, graphs and other related activities.
- Compiles and records notes, sketches, test results, inspection data and other information to document compliance and/or develop designs, specifications, reports, maps and other geographically based data.
- Conducts various studies to be used by others to analyze needs/develop plans, record characteristics and other related activities.
- Conducts data analysis to determine accuracy of data collected, develop recommendations, develop corrective designs and/or ensure compliance.
- Tests/evaluates the quality of materials or designs to verify adherence to contracts and specifications.
- Obtains survey data, such as angles, elevations, points, and contours, using electronic distance measuring equipment and other surveying instruments.
- Calculates/measures area and volume dimensions, horizontal and vertical geometry, profile and component specifications, and material testing dimensions using calculators or computers.
- Operates computer assisted drafting equipment or other tools of the trade.
- Reads and interprets plans, specification, blueprints and other engineering documents.
- Performs moderately complex technician work, which is broad in scope and requires application of fundamental concepts, practices and procedures for assigned functional area.

- Reviews moderately complex project plans or portions of complex plans to determine compliance with state and/or federal regulations and design standards.
- Periodically acts as lead, overseeing, guiding and providing technical assistance to others.
- Ensures quality by assessing technical procedures and practices.
- Contacts are for the purpose of exchanging or collecting information, explaining procedures and gathering facts to describe problems to higher level.

#### **Conditions of Employment:**

- Upon a conditional offer, you must undergo pre-employment drug testing as part of the hiring process.
- Applicants must be legally authorized to work in the United States. DelDOT does not provide employment-based sponsorship.
- Direct deposit of paychecks is required as a condition of employment.
- A labor organization has been elected by employees as their representative for collective bargaining and other work related purposes. The person selected for this position shall as a condition of employment, join and pay dues to the labor organization or may, instead not join but pay a service fee no greater than the dues. The labor organization is required to represent all employees, even those who do not join. Employees who do not join pay a fee for these representation services provided on their behalf.
- Qualified applicants should be available to work overtime and shifts outside the normal core hours on a regular basis.

**Benefits:** To learn more about the comprehensive benefit package please visit the web-site at <http://ben.omb.delaware.gov/programs/index.shtml>

#### **Submitting your Application:**

- **Apply on-line at [www.delawarestatejobs.com/postings](http://www.delawarestatejobs.com/postings). (Your application will be routed automatically to the recruiting agency).**
- Paper applications can be submitted to one of the following locations:

**TRANSPORTATION (DELDOT)**, Human Resources, 900 Public Safety Boulevard, Dover, DE 19901 Phone: (302)760-2011 Fax (302)760-2770

#### **HUMAN RESOURCE MANAGEMENT**

Haslet Armory, 1<sup>st</sup> Floor, 122 William Penn Street, Dover, DE 19901 Phone: (302) 739-5458 Fax: (302) 739-2327

Carvel State Office Building, 1<sup>st</sup> Floor, 820 North French Street, Wilmington, DE 19801 Phone: (302) 577-8277 Fax: (302) 577-3957

Delaware Technical and Community College Campus, P. O. Box 610,  
Georgetown, DE 19947 Phone: (302) 856-5966 Fax: (302) 856-5969

**Attachments to Applications:**

- Please do not submit copies of evaluations, letters of reference, training certificates, or college transcripts unless requested.
- If supplemental information is requested by the posting or needed for scoring purposes such as but not limited to a DD214, resumes or transcripts, please send or fax to the recruiting agency before or on the specified closing date.
- Applications or additional information will not be accepted after the closing date.
- Resumes will not be accepted unless accompanied by a State of Delaware Application.

**Accommodations:**

- Accommodations are available for applicants with disabilities in all phases of the application and employment process. To request an auxiliary aid or service please call (302) 739-5458
- TDD users should call the Delaware Relay Service Number 1-800-232-5460 for assistance.

**The State of Delaware - An Equal Opportunity and Affirmative Action Employer**